



## United States Environmental Protection Agency Organization Assessment of Performance

### 1. Organization: Air and Radiation Division    2. Fiscal Year: 2017

#### 3. Key Events/Issues/Challenges and Management Actions

- Issued 120-day letters to all R5 states & two tribes for Round 3 SO<sub>2</sub> designations, proposing 6 areas as nonattainment.
- Redesignated 10 areas to attainment of health-based air quality standards for lead, ozone, and particulate matter.
- ~~Managed \$40,209,712 in air grants to states, tribes, local governments, and non-profit entities.~~
- Assisted with and impacted 80 state-issued permits through permit review, and issued 9 federal permits.
- Renewed the expired Title V permit for the Veolia hazardous waste incinerator in Sauget, Illinois, fulfilling federal legal obligations under a 2006 court ruling.
- ~~Coordinated with IEPA to successfully issue 5 of the 13 Title V permits for coal-fired power plants in IL, while diligently working towards issuing the remaining permits.~~
- Supported tribes across R5 by providing technical support, equipment loans, and consultation on important regulatory actions, and by granting Clean Air Act authorities to 2 tribes.
- Obtained over \$87.5 million in injunctive relief, representing over 77% of the costs of stationary source complying actions from the nation's air settlements.
- ~~Concluded CAA enforcement actions that will reduce over xx.x million lbs/yr of emissions, resulting in an estimated x,xxx lost work days prevented and xx emergency room visits avoided.~~
- Entered into x judicial consent decrees, xx% of which included a state partner, were taken at the request of a state, or enforced a rule for which the states are not delegated.
- Secured an agreement via consent decree with S.H. Bell in East Liverpool, OH to reduce emissions, through physical changes and ambient monitoring, of the hazardous metal manganese that was causing an imminent and substantial endangerment to the community by exceeding ATSDR's chronic health-based standard.
- Settled violations at Maynard Steel Casting Company, at request of WDNR, that reduces particulate matter and manganese by 560K lbs/yr through control improvement. The settlement team developed a night-time opacity procedure using digital opacity cameras as a SEP, the first of its kind in the country. [chose one or other sentence?]
- Reached agreement via consent decree with Citgo Petroleum that will reduce 936K lbs. of pollution/yr. by controlling emissions from flares and benzene operating units by using fence-line monitoring and reducing leaks.
- Discovered industry-wide-level noncompliance [of?], and addressed substantial odor issues at Arbor Hills Landfill in Northville, MI by securing agreement with owner to install \$2M in improvements to gas collection and control system. ~~These improvements will reduce emissions of VOCs, HAPs, and methane.~~
- Settled CAA violations with Mesabi Nugget Delaware via joint consent decree with MPCA that required new controls on several emission units, resulting in controlled emissions of mercury from one of largest mercury emitters in R5.
- Negotiated stipulated order with S.H. Bell in Chicago, IL (after the company failed to respond to a Section 114 Information Request) that requires fugitive dust controls, and installation and operation of monitors around the facility that report data to EPA, which we disseminate to community groups and the public through a site-specific website.
- Initiated new R5 Leak Detection and Repair enforcement initiative and found violations at 75% of facilities inspected. Also trained RCRA inspectors throughout EPA on how to conduct LDAR inspections, in preparation for their new NEI.
- Constructed a digital opacity camera trailer that is solar powered and can record video to quantify opacity. In its first use, it captured emissions from a steel mill that will support enforcement and rule-writing.
- Protected children by identifying & removing asthma triggers at 25 schools and 33 childcare facilities in Milwaukee area, and by removing materials that appeared to contain asbestos and identifying indoor air issues at 4 schools in Gary, IN.
- Designed a follow-up questionnaire to gain further insights in areas identified for improvement in ARD's Employee Viewpoint Survey results, and implemented recommendations.
- Launched NEO2, ARD's new employee organization, to help new staff quickly become well-informed, productive members of the division, while fostering leadership, learning, networking, and volunteer opportunities.

#### 4. Performance Reporting

Measure area/topic	Overall status	Explanation of performance results
OAR KPI: SIP revisions	Measure Met	Published 32 SIPs, exceeding target of 22 by 45%. Achieved a SIP backlog of 15 SIPs, the second-lowest backlog in the nation and approximately 4% of the national total.